

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) ~~A~~ In a structured document stored in a computer-readable memory medium, the structured document ~~including~~ comprising:

text for plural pages, wherein the text for each page is delimited by plural element types respectively defining at least one of vector graphic shapes of figures and text, and wherein each element type having has an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, the improvement comprising: and

~~the structured document includes page-information text which is delimited by page-information element types each defining a location~~ an identifier for a page and a location for the page in the structured document for the text for a corresponding page-
~~description text page of the plural pages of the structured document;~~

~~the structured document further includes the page-description text for plural pages based on which of the vector graphic shapes is rendered;~~

wherein the location provides ~~random~~ direct access to a page in the plural pages of the structured document independent of parsing of all of the plural pages of the structured document.

2. (Previously Presented) A structured document according to Claim 1, further comprising page-directory text which includes the page-information text, the page-

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directory text being delimited by page-directory element types which contain at least one page-information element for each of the plural pages.

3. (Previously Presented) A structured document according to Claim 2, further comprising directory-information text which includes the page-directory text, the directory-information text being delimited by directory-information element types that specify the number of the plural pages and which contains the page-directory elements.

4. (Previously Presented) A structured document according to Claim 3, wherein the directory-information text further includes thumbnail-information text that defines a graphic for each of the plural pages, the thumbnail-information text being delimited by thumbnail-information element types.

5. (Previously Presented) A structured document according to Claim 4, further comprising thumbnail-directory text which includes the thumbnail-information text and which is delimited by thumbnail-directory element types.

6. (Previously Presented) A structured document according to Claim 3, further comprising document-attribute text delimited by document-attribute element types and that specify attributes of the document.

7. (Cancelled)

8. (Previously Presented) A structured document according to Claim 1, further comprising a directory-table-list element that includes the document-resource text and at least an indirect reference to the page-information text.

9. (Previously Presented) A structured document according to Claim 8, further comprising document-directory-table text delimited by document-directory-table types and that provides location information of the directory-table-list text.

10. (Previously Presented) A structured document according to Claim 1, wherein the page-information text is included in document-directory information stored in the structured document.

11. (Previously Presented) A structured document according to Claim 10, wherein the document-directory information is stored at or near the end of the structured document.

12. (Previously Presented) A structured document according to Claim 11, further comprising a directory-exists element delimited by directory-exists element types, the directory-exists elements directly or indirectly defining the location of the document-directory information, the directory-exists element being located at or near the beginning the structured document.

13. (Previously Presented) A structured document according to Claim 1, wherein the structured document is comprised of an SVG-based document.

14. to 20. (Cancelled)

21. (Previously Presented) A structured document according to Claim 1, further comprising document-resource text that includes a location pointer in the structured document for resources used by the plural pages in the structured document.

22. (Currently Amended) A viewer for rendering at least one of vector graphic shapes of figures and text based on a structured document including text for plural pages, wherein the text for each page is delimited by plural element types each having an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, comprising:

a parsing device that detects a current page from plural pages, obtains a location of ~~page-description~~ text in the structured document corresponding to the current page in reference to page-information text in the structured document, wherein the page-information text includes an identifier for the current page and a location for the current page in the structured document, and parses ~~page-description~~ text in the structured document at the location corresponding to the current page; and

an output device that outputs a vector graphic shape which is rendered on the basis of the ~~page-description~~ text parsed by the parsing device.

23. (Currently Amended) A viewer according to Claim 22, wherein said parsing device obtains a location of document-resource text in the structured document for resources used by the plural pages.

24. (Currently Amended) A method of rendering at least one of vector graphic shapes of figures and text based on a structured document including text for plural pages, wherein the text for each page is delimited by plural element types each having an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, comprising the steps of:

detecting a current page from plural pages,

~~obtaining a location of page-description text in the structured document corresponding to the current page in reference to page-information text in the structured document, wherein the page-information text includes an identifier for the current page and a location for the current page in the structured document,~~

~~parsing page-description text at the location in the structured document corresponding to the current page,~~

outputting a vector graphic shape which is rendered on the basis of the parsed page description text.

25. (Previously Presented) A method according to Claim 24, further comprising a step of obtaining a location of document-resource text in the structured document for resources used by the plural pages.

26. (Currently Amended) Computer readable medium for storing a program which performs a method of rendering at least one of vector graphic shapes of figures and text based on a structured document including text for plural pages, wherein the text for each page is delimited by plural element types each having an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, the method comprising the steps of:

detecting a current page from plural pages,

obtaining a location of ~~page-description text in the structured document~~ corresponding to the current page in reference to page-information text in the structured document, wherein the page information text includes an identifier for the current page and a location for the current page in the structured document,

~~parsing page-description text at the location~~ in the structured document corresponding to the current page, and

outputting a vector graphic shape which is rendered on the basis of the parsed page description text.

27. (Previously Presented) Computer readable medium according to Claim 26, wherein the method further comprises a step of obtaining a location of document-resource text in the structured document for resources used by the plural pages.